



PATENT 0630-1798P

#### IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant:

Heon Min LEE ET AL.

Conf.:

5755

Appl. No.:

10/600,545

Group:

2817

Filed:

June 23, 2003

Examiner: David MIS

For:

THIN FILM BULK ACOUSTIC REASONATOR FOR

CONTROLLING RESONANCE FREQUENCY AND

VOLTAGE CONTROLLED OSCILLATOR USING THE

SAME

### LARGE ENTITY TRANSMITTAL FORM

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 February 2, 2005

#### Sir:

Transmitted herewith is a Response in the above-identified application.

The enclosed document	is being	transmitted via	the Certificate
of Mailing provision	s of 37 C	.F.R. § 1.8.	

The enclosed document is being transmitted via facsimile.

The fee has been calculated as shown below:

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR		PRESENT EXTRA	RATE	ADDITIONAL FEE
TOTAL	10	-	20	=	0	\$50	\$0.00
INDEPENDENT	2	-	3	=	0	\$200	\$0.00
FIRST PRESE	NTATION OF A	MULT	TIPLE DEPENDE	NT CL	AIM	\$360	\$0.00
				-		TOTAL	\$0.00

	Petition for ( ) month(s) extension of time pursuant to 37 C.F.R. §§ 1.17 and 1.136(a). $\$0.00$ for the extension of time.				
$\boxtimes$	No fee is required.				
	Check(s) in the amount of $$0.00$ is(are) enclosed.				
	Please charge Deposit Account No. $02-2448$ in the amount of $\$0.00$ . This form is submitted in triplicate.				
	If necessary, the Commissioner is hereby authorized in this, urrent, and future replies, to charge payment or credit any payment to Deposit Account No. 02-2448 for any additional fees				

required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17;

particularly, extension of time fees.

Respectfully submitted,

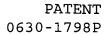
BIRCH, STEWART, KOLASCH & BIRCH, LLP

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(703) 205-8000

JAK/njp 0630-1798P

Attachment(s)





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## RESPONSE UNDER 37 C.F.R. § 1.111

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

February 2, 2005

### Sir:

In reply to the Office Action dated November 3, 2004, the following remarks are respectfully submitted in connection with the above-identified application.

This reply includes Remarks.